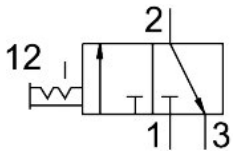
On/off valve
MS4-EM1-1/4-F1A

Part number: 8183561





Data sheet

Feature	Value
Design	Rotary switching valve
Type of actuation	Manual
Exhaust-air function	Cannot be throttled
Type of piloting	Direct
Instructions on use	Foreign particles can adhere to the product or form during installation. Depending on the application, it may be necessary to purge the product with clean compressed air, to clean it after installation and operate it with ducted exhaust air.
Valve function	3/2-way, double solenoid
Operating pressure	0 MPa...1.4 MPa 0 bar...14 bar
C value	9 l/sbar
b value	0.39
Standard nominal flow rate (standardised to DIN 1343)	2200 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Suitable for use with food	See supplementary material information
Type of mounting	Either: Inline installation With accessories
Mounting position	Any
Flow direction	Non-reversible
Product weight	190 g
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4

Feature	Value
Material seals	TPE-U(PU)
Material housing	Die-cast aluminium